IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A recording medium comprising:

an authentication region having a plurality of RAM ~~bit~~ bits and a plurality of ROM ~~bit~~ bits, the RAM bits and the ROM bits being intermingled, the RAM bit being over-writable of data at least once by a first writing condition, and the ROM bit being not over-writable of data by the first condition; and

a data storing region.

Claim 2 (Currently Amended) The recording medium according to claim 1, further comprising a non-recording region enclosing the RAM ~~bit~~ bits and the ROM ~~bit~~ bits, and the non-recording region being not over-writable by the first writing condition.

Claim 3 (Currently Amended) A recording-medium management method comprising:

obtaining a first data line from an authentication region of a recording medium, the authentication region including ~~a first data pattern of~~ a plurality of RAM ~~bit~~ bits and a plurality of ROM ~~bit~~ bits, the RAM bits and the ROM bits being intermingled in the authentication region, the first data line ~~being~~ corresponding to an arrangement of the RAM bits and the ROM bits ~~the first data pattern~~, the RAM bit being over-writable of data at least once by a first writing condition, and the ROM bit being not over-writable of data by the first writing condition;

overwriting a predetermined data to the RAM ~~bit~~ bits;

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obtaining a second data line from the recording medium, the second data line ~~being~~

corresponding to ~~a second data pattern~~ an arrangement of the over-written RAM ~~bit~~ bits and

the ROM ~~bit~~ bits, and

decrypting an encrypted data stored in a data storing region of the recording medium

in reference to the first and second data lines.

Claim 4 (Currently Amended) A recording-medium management method

comprising:

obtaining a first data line from an authentication region of a recording medium, the

authentication region including ~~a first data pattern of~~ a plurality of RAM ~~bit~~ bits and a

plurality of ROM ~~bit~~ bits, the RAM bits and the ROM bits being intermingled in the

authentication region, the first data line ~~being~~ corresponding to an arrangement of the RAM

bits and the ROM bits ~~the first data pattern~~, the RAM bit being over-writable of data at least

once by a first writing condition, and the ROM bit being not over-writable of data by the first

writing condition;

overwriting a predetermined data to the RAM ~~bit~~ bits;

obtaining a second data line from the recording medium, the second data line ~~being~~

corresponding to ~~a second data pattern~~ an arrangement of the over-written RAM ~~bit~~ bits and

the ROM ~~bit~~ bits, and

judging propriety of an access to a data storing region of the recording-medium in

reference to the first and second data lines.

Claim 5 (Currently Amended) A recording-medium management system comprising:

a reproduction part;

a recording part; and

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a control part.performing

a first control to obtain a first data line from an authentication region of a recording medium by making the reproduction part read the authentication region, the authentication region including a first data pattern of a plurality of RAM bit bits and a plurality of ROM bit bits, the RAM bits and the ROM bits being intermingled in the authentication region, the first data line being corresponding to an arrangement of the RAM bits and the ROM bits the first data pattern, the RAM bit being over-writable of data at least once by a first writing condition, and the ROM bit being not over-writable of data by the first writing condition;

a second control to make the recording part overwrite predetermined data to the RAM bit bits;

a third control to obtain a second data line from the recording-medium by making the reproduction part read the authentication region, the second data line being corresponding to a second data pattern an arrangement of the over-written RAM bit bits and the ROM bit bits, and

a fourth control to perform an authentication with regard to the recording medium in reference to the first and second data lines.

Claim 6 (Original): The recording-medium management system according to claim 5, wherein the authentication is a decryption procedure of an encrypted data stored in the recording medium.

Claim 7 (Original): The recording-medium management system according to claim 5, wherein the authentication is a judgment of propriety of an access to a data stored in the recording medium.

Claim 8 (Original): The recording-medium management system according to claim 5, wherein the predetermined data consist of only either one of binary values.

Claim 9 (Original): The recording-medium management system according to claim 5, wherein the predetermined data has a sequence in which one of binary values and another of binary values appear by turns.

Claim 10 (Currently Amended): The recording-medium management system according to claim 5, wherein the recording medium has a plurality of the authentication regions, and the control part performs the first through fourth ~~control~~ controls in ~~correspond~~ correspondence to each of the authentication regions.

Claim 11 (Original): The recording-medium management system according to claim 10, further comprising a memory to store at least one of the obtained first and second data lines, the control part performing a fifth control to erase at least one of the first and second data lines stored in the memory.

Claim 12 (Currently Amended): The recording-medium management system according to claim 11, wherein the control part performs the fifth control when reading a data region of the recording medium corresponding to the data to be erased is performed [[by]] a predetermined times.

Claim 13 (Original): The recording-medium management system according to claim 11, wherein the control part performs the fifth control when the recording medium is removed from the recording-medium management system.

Claim 14 (Currently Amended): The recording-medium management system according to claim 11, wherein the control part performs the fifth control when a predetermined time ~~passed~~ passes after the first or second data line is obtained.

Claim 15 (Original): The recording-medium management system according to claim 11, wherein the control part performs the fifth control when a use of the recording medium is finished.

Claim 16 (Original): The recording-medium management system according to claim 5, further comprising a memory to store at least one of the obtained first and second data lines, the control part performing a fifth control to erase at least one of the first and second data lines stored in the memory.

Claim 17 (Currently Amended): The recording-medium management system according to claim 16, wherein the control part performs the fifth control when reading a data region of the recording medium corresponding to the data to be erased is performed [[by]] a predetermined times.

Claim 18 (Original): The recording-medium management system according to claim 16, wherein the control part performs the fifth control when the recording medium is removed from the recording-medium management system.

Claim 19 (Currently Amended): The recording-medium management system according to claim 16, wherein the control part performs the fifth control when a predetermined time ~~passed~~ <u>passes</u> after the first or second data line is obtained.

Claim 20 (Original): The recording-medium management system according to claim 16, wherein the control part performs the fifth control when a use of the recording medium is finished.

Claim 21 (Currently Amended) The recording-medium management system according to claim 5, wherein the control part performs a sixth control to make the recording part overwrite data to the RAM ~~bit~~ <u>bits</u> in order that the first data line is obtained when the first control is performed to the recording medium.